

Report

07/26/05

1. Experimental Progress:

- The heat exchanger has been installed. Now temperature varies between 77 & 79 °F.
- After installing the heat exchanger we flushed the system twice. Since then the circulation pump is running continuously. As of now the water chemistry data (without using the venturi) is as following:
pH – 5.7 ~ 5.9
Resistivity – 1 ~ 1.2 Mohm-cm
DO – 7 ppm
- I think, I need more data to establish relation between these parameters. I am planning to run the system with / without the venturi in next two weeks to accumulate data.
- Today we have started operating the venturi in full open position. Although, initially pH and resistivity were decreasing, they have started increasing around noon. I guess we need to run the system for a while for accurate data.